

NATURAL RESOURCES AGENCY  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

## NOTICE OF RECORDS DUE

Sal Bucio  
P.O. Box 851  
Desert Hot Springs, CA 92240

El Centro, California  
May 20, 2009  
(Date)

In accordance with Division 3 of the Public Resources Code of California, the following records are due, covering  
the Notice to Drill (Notice dated 7/16/07)  
of your well(s) "Bucio" 1 (065-90242)

Desert Hot Springs Field, Riverside County, Sec. 3, T. 3S R. 5E, S.B.B. & M.

**RECORDS:** Records are due within 60 days after completion, suspension, or abandonment of any well, or upon completion of additional work in any well. Division forms must be signed in the spaces provided.

### OIL AND GAS OPERATION

- ☐ Well summary (Form OG 100)  
☐ Core or sidewall sample (Form OG 101)  
☐ History (Form OG 103)

### GEOTHERMAL OPERATION

- ☒ Well summary (Form OGG 100)  
☐ Core or sidewall sample (Form OGG 101)  
☒ History (Form OGG 103)

**LOGS, TESTS, AND SURVEYS:** All logs, tests, and surveys are due within 60 days after completion, suspension, or abandonment of any well, or upon completion of additional work in any well.

- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> Electric log (2" = 100 ft.)                | <input type="checkbox"/> Velocity survey                               | <input type="checkbox"/> Water analysis          | <input type="checkbox"/> R/A survey      |
| <input type="checkbox"/> Directional survey                         | <input type="checkbox"/> Mud log                                       | <input type="checkbox"/> Oil and/or gas analysis | <input type="checkbox"/> Spinner survey  |
| <input type="checkbox"/> Dipmeter (computed)                        | <input type="checkbox"/> Pressure measurements<br>(flowing and static) | <input type="checkbox"/> Temperature survey      | <input type="checkbox"/> Cement bond log |
| <input type="checkbox"/> Two copies of all logs<br>run on each well | <input checked="" type="checkbox"/> Other Drilling log                 |  |  |

**REPORTS FOR THE MONTH OF** : Production, oil and gas disposition, and injection reports are due on or before the 30th day of each month for the preceding calendar month. Division forms must be signed in the spaces provided.

### OIL AND GAS OPERATION

- ☐ Production and disposition reports (Form OG110  
or computer report)  
☐ Injection reports (Form OG 110B  
or computer report)

### GEOTHERMAL OPERATION

- ☐ Production reports (Form OGG 110)  
☐ Injection reports (Form OGG 110B)

NAME  
Michael L. Woods

TITLE  
Geothermal District Engineer

SIGNATURE

*Michael L. Woods*

TELEPHONE NUMBER  
(760 ) 353-9900

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No.PG207-30  
DISTRICT G2

REPORT ON PROPOSED GEOTHERMAL OPERATIONS

Sal Bucio, Agent  
Sal Bucio  
P. O. Box 851  
Desert Hot Springs, CA 92240

El Centro, Calif.  
August 21, 2007

Your \_\_\_\_\_ proposal to drill well "Bucio" 1, API No. 065-90242, Section 03, T. 03S, R. 05E, S.B.B. & M., Desert Hot Springs field, \_\_\_\_\_ Geothermal Resource Area, Riverside County, dated 07-16-2007, received 07-25-2007, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. A drilling log and core record, well history and summary are filed within 60 days after completion.
2. The 4.5" casing shall be cemented from 20 feet to the surface.
3. Surface facilities such as well pad or well vault must conform to the Riverside County Health Dept. requirements.
4. A permit is required by the Riverside County Planning Department to construct this well.
5. **THIS DIVISION SHALL BE NOTIFIED:**
  - a. One day prior to the commencement of drilling.
  - b. To witness the cementing of the 4.5" casing.

NOTE:

1. Call the office of the Division of Oil, Gas, & Geothermal Resources for field engineer. (760) 353-9900(24 hours).
2. Geothermal water discharge is regulated by the California Regional Water Quality Control Board (CRWQCB), Colorado River Region. The CRWQCB should be contacted concerning requirements and permits regarding geothermal water disposal at (760) 346-7491.
3. The proposed well's location is at 69430 Henderson Rd.
4. This well is proposed to supply hot water to a pool/spa at 69430 Henderson Rd.

cc: Sacramento Geothermal Unit  
Calif. Regional Water Quality Control Board  
Riverside County Health Department  
Mission Springs Water District  
Coachella County Water District

Hal Bopp  
State Oil and Gas Supervisor

By Michael L. Woods  
Michael L. Woods  
District Geothermal Engineer

Digitally signed by Michael L. Woods  
DN: CN = Michael L. Woods, C = US, O =  
DOE/GR, OU = District G2  
Date: 2007.08.21 12:58:15 -0700

*A copy of this report and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after completion, suspension, or abandonment.*

OGG111

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

API Well Number 1  
7165-90242

JUL 2007 **NOTICE OF INTENTION TO DRILL A GEOTHERMAL RESOURCES WELL**  
(Submit in duplicate)

DIVISION OF OIL, GAS, AND  
GEOTHERMAL RESOURCES

Operator EL CENTRO, CA

Well Designation

SAL BUCIO

INDIVIDUAL BUCIO

Field DESERT HOT SPRINGS

County RIVERSIDE

Sec. 3

T. 35

R. 5E

B.&M. PO BOX 851

Name (Person submitting report - print or type)

WALTER MARIENSCHER

Street Address

2741 EASTLINE RD 13582 Mountain Top Dr.

Title (Agent or officer or company)

NORTH AMERICAN DRILLING

City

DESERT HOT SPRINGS

State

CA

Zip Code

92268 92240

Signature [Signature]

Date 7-16-07

Telephone Number 760-365-5971

The appropriate drilling fee, an indemnity or cash bond, a complete drilling program, and a parcel map showing the operator's surface rights, mineral rights, and the location of the proposed well must accompany this notice.

Location of well: 6 meters N along section/property line, and 6 meters E at right angles to said line from the SW corner of section/property LINE or \_\_\_\_\_  
(Direction) (Cross out one) (Direction)

Elevation of prepared site above/below sea level: 346 meters.  
(Cross out one)

Is the surface location or intended productive interval within 100 feet of property boundary? ☒ yes ☐ no

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:

\_\_\_\_\_ meters \_\_\_\_\_ and \_\_\_\_\_ meters \_\_\_\_\_  
(Direction) (Direction)

**PROPOSED CASING PROGRAM**

All depth measurements taken from top of DERRICK FLOOR that is 1 meters above ground.  
(Derrick Floor, Rotary Table, or Kelly Bushing)

SIZE OF CASING CM API	WEIGHT (Kg)	GRADE AND TYPE	NEW OR USED	TOP OF CASING (m)	SIZE OF HOLE (cm)	VOLUME OF CEMENT (m³)	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING
<u>11.43</u>		<u>Rvc</u>	<u>NEW</u>	<u>1/2</u>	<u>2794</u>	<u>.741</u>	<u>15.24</u>	<u>8.337</u>

Intended zone(s) of completion: \_\_\_\_\_ Estimated total depth: 122 meters.  
(Name, depth, and expected pressure)

**ENVIRONMENTAL INFORMATION**

(See reverse side)

If a governmental agency has prepared an environmental document, please submit a copy of the document with this notice or supply the following information:

Government Agency: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_

Document title: \_\_\_\_\_ S.C.H. No.: \_\_\_\_\_

Submitted in compliance with Section 3724, Division 3, Chapter 4, Public Resources Code.